

HabasitLINK[®]

M2540 Radius Flush Grid 1" MTW

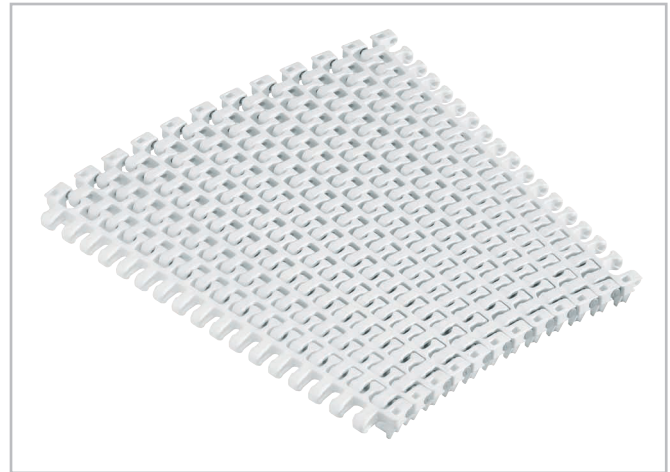


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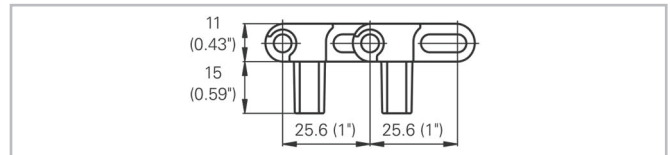
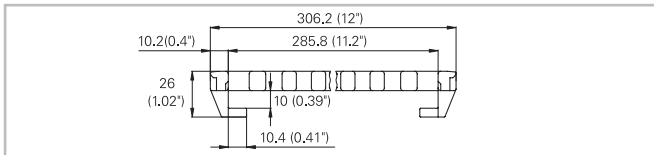
Description

- Mold to width radius belt 12" (306 mm) wide, for radius and straight conveying
- Collapse factor 2.1
- Hold down device on both edges
- 35% open area; 53% open contact area; largest opening 6x12.5 mm (0.24"x0.49")
- Excellent for cooling and draining
- Easy to clean
- Food approved materials available
- Rod diameter 5 mm (0.2")
- Open window sprockets



Available accessories

- Flights
- Sideguards
- Lane divider



Belt data

Belt material		PP		POM +JM	
Rod material		POM		PA	
Nominal tensile strength F_N straight run	N lbf	5810 1307	5810 1307	8260 1858	8260 1858
Nominal tensile strength F_N in curve ⁽¹⁾	N lbf	1000 225	1000 225	1500 338	1500 338
Temperature range	°C °F	5 - 93 40 - 200	5 - 105 40 - 220	-40 - 93 -40 - 200	-40 - 93 -40 - 200
Belt weight m_B	kg/m ² lb/sqft	4.7 0.96	4.7 0.96	7.0 1.44	7.0 1.44

⁽¹⁾ The indicated nominal tensile strength refers to 12" (306 mm) belt width. For $b_0 > 12$ " higher values admissible, please contact your Habasit representative.

Diameter of idling rollers (minimum)		Diameter of support rollers (minimum)		Diameter for gravity take-up and center drive rollers (minimum)		Backbending radius for elevators without sideguards or hold down devices (minimum)		Backbending radius for elevators with sideguards or hold down devices (minimum)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
50	2	50	2	100	4	150	6	250	10

Use the largest possible backbending radius for elevators with side guards or hold down devices.

Standard range of belt widths b_0 and collapse factor Q ($R_{min} = Q \times b_0$)

Belt width mm (nom.)	206	256	306	356	406	456	506	556	606
Belt width inch (nom.)	8	10	12	14	16	18	20	22	24
Collapse factor Q	2.03	2.07	2.10	2.12	2.14	2.15	2.16	2.17	2.18

Real belt widths are in most cases 0.1% to 0.3% smaller.